

# **EXHIBIT C**

UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF NEW YORK

**IN RE: GOOGLE DIGITAL ADVERTISING  
ANTITRUST LITIGATION**

**No. 1:21-md-3010 (PKC)**

*This Document Relates To:*

**SUNNY SINGH**, individually and on behalf of all  
others similarly situated,

*Plaintiff,*

**v.**

**GOOGLE LLC ET AL.,**

*Defendant.*

**No. 1:23-cv-3651 (PKC)**

**DEFENDANTS GOOGLE LLC AND ALPHABET INC.'S  
SECOND SET OF INTERROGATORIES TO PLAINTIFF SUNNY SINGH**

**PROPOUNDING PARTIES:** Google LLC

Alphabet Inc.

**RESPONDING PARTIES:** Plaintiff Sunny Singh

**SET NUMBER:** Two

Pursuant to Federal Rules of Civil Procedure (“Federal Rules”) 26 and 33, and Rules 26.3 and 33.3 of the Local Rules for the U.S. District Court for the Southern District of New York (“Local Rules”), Defendants Google LLC and Alphabet Inc. (collectively, “Google”), through their counsel, hereby request that each of the named Advertiser Plaintiffs in the above-captioned action answer the following Second Set of Interrogatories within thirty (30) days of service according to the Definitions and Instructions set forth herein and supplement their Interrogatory answers, as necessary, to comply with the Federal Rules and the Local Rules.

### **DEFINITIONS**

1. To the extent the terms defined below are used in the Interrogatories, they should be construed broadly to the fullest extent of their meaning in a good-faith effort to comply with the Federal Rules and the Local Rules. These Definitions are provided solely for the purposes of these Interrogatories.

2. The term “**Ad Buying Tool**” shall mean any third-party or in-house software, application, service, tool, or other interface (including DSPs and Ad Networks) through which an Advertiser Purchased or can Purchase Inventory.

3. The terms “**Ad Exchange**” or “**Supply-Side Platform**” or “**SSP**” shall mean a third-party or in-house product or service through which two or more Ad Buying Tools (at least one of which is not owned or controlled by the entity operating the Ad Exchange) placed or can place Bids in real-time auctions for Inventory offered for sale by or on behalf of two or more

Publishers (at least one of which is not owned or controlled by the entity operating the Ad Exchange).

4. The term “**Ad Network**” shall mean a third-party or in-house product or service (other than an Ad Exchange) through which two or more Advertisers (at least one of which is unaffiliated with the entity operating the Ad Network) Purchased or can Purchase Inventory offered for sale by two or more Publishers (at least one of which is unaffiliated with the entity operating the Ad Network).

5. The term “**Ad Selling Tool**” shall mean any third-party or in-house software, application, service, tool, or other interface (including Publisher Ad Servers, Ad Exchanges, Ad Networks, SSPs, or Header Bidding) through which a Publisher sold or can sell Inventory.

6. The terms “**Ad Tech**” or “**Ad Tech Product**” shall mean a product, service, application, tool, solution or other interface that facilitates or is involved in the Purchase or sale of Inventory, including but not limited to a Publisher Ad Server, Ad Exchange, Ad Network, Header Bidding, DSP, SSP, other Ad Buying Tool, or other Ad Selling Tool. For the avoidance of doubt, this term includes In-House Ad Tech Products, as well as products or services offered by social media outlets (including but not limited to, for example, Facebook.com and Twitter.com) and certain other Publishers that enable the Purchase of Inventory on their Properties.

7. The term “**Ad Tech Provider**” shall mean a person, firm, association, or other entity selling, reselling, licensing, or otherwise providing at least one Ad Tech Product, whether or not for a fee or other compensation.

8. The term “**Advertiser**” shall mean a person or entity that, directly or through one or more intermediaries, places one or more Display Advertisements intended to advertise or promote a good or service offered by the Advertiser, or otherwise convey such Advertiser’s

desired message, on a Publisher's Property so that it is viewed by at least one User visiting such Property. For the avoidance of doubt, Advertisers typically, but need not, pay for the placement of such Display Advertisements.

9. The term "**AdX**" shall mean Google's Ad Exchange that was marketed as DoubleClick Ad Exchange, inclusive of all prior and subsequent iterations of the product and all variants thereof, and including, for the avoidance of doubt, the ad exchange functionality of Google Ad Manager and Google Ad Manager 360.

10. The term "**Agency**" shall mean an advertising agency or similar consulting firm that is hired by an Advertiser to manage the Purchase of Inventory for one or more Campaigns. For the avoidance of doubt, although an Agency may use DSPs or other tools to manage such Campaigns, an entity operating a DSP shall not, solely on that basis, be deemed an Agency.

11. The term "**Bid**" shall mean an offer, made in response to a Query, to pay a specified amount in exchange for the right to render a Display Advertisement in a unit of Inventory.

12. The term "**Campaign**" shall mean one or more Display Advertisements that are targeted to particular types of Inventory, Users, or objectives.

13. The term "**communication**" shall have the meaning provided in Local Rule 26.3, namely, the transmittal of information (in the form of facts, ideas, inquiries, or otherwise).

14. The term "**Complaint**" shall mean Class Action Complaint, *Singh v. Google LLC et al.*, No. 1:23-cv-3651 (PKC) (S.D.N.Y.), ECF No. 1.

15. The term "**concerning**" shall have the meaning provided in Local Rule 26.3, namely, relating to, referring to, describing, evidencing or constituting.

16. The term "**Connected Television**" shall mean devices or services that allow Users to watch television content served over the internet on a television screen, such as smart TVs (e.g.,

Samsung, TCL, Sony), media streaming devices (e.g., Roku Streaming Stick, Apple TV, Chromecast), or video game consoles (e.g., Xbox, PlayStation).

17. The term “**Demand-Side Platform**” or “**DSP**” shall mean an Ad Buying Tool, that enables an Advertiser to automatically buy Inventory sold via Ad Selling Tools in real-time on an Impression-by-Impression basis. For the avoidance of doubt, an Agency trading desk shall be deemed a DSP for purposes of this definition.

18. The terms “**Display Advertisement**” or “**Display Advertising**” shall mean Online Advertising *other than* Search Advertising, and shall include native, banner, in-app, or video advertising, whether social or non-social.

19. The term “**document**” shall have the meaning provided in Local Rule 26.3, namely, that the term shall be synonymous in meaning and equal in scope to the usage of the phrase “documents or electronically stored information” in Federal Rule 34(a)(1)(A). A draft or non-identical copy is a separate document within the meaning of this term.

20. The term “**Google**” shall mean Defendants Google LLC and/or Alphabet Inc., any current or former parents, subsidiaries, affiliates, divisions, predecessors, officers, directors, employees, agents or representatives, and any other person acting on their behalf.

21. The term “**Header Bidding**” shall mean the use by a Publisher of code that is directly or indirectly called during the web browser’s processing or rendering of the HTML header of a webpage (and prior to the invocation of a Publisher Ad Server) and that causes Queries to be sent to one or more Ad Exchanges, Ad Networks, DSPs, or other sources of demand.

22. The term “**identify**” when referring to a person shall have the meaning provided in Local Rule 26.3, namely, to give, to the extent known, the person’s full name, present or last known address, and when referring to a natural person, additionally, the present or last known place of

employment. Once a person has been identified in accordance with this subparagraph, only the name of that person need be listed in response to subsequent discovery requesting the identification of that person.

23. The term “**identify**” when referring to documents shall have the meaning provided in Local Rule 26.3, namely, to give, to the extent known, the (i) type of document; (ii) general subject matter; (iii) date of the document; and (iv) author(s), addressee(s) and recipient(s).

24. The term “**Impression**” shall mean the service of a single Display Advertisement to a single User.

25. The term “**In-App Advertising**” shall mean Display Advertising that serves ads to users within mobile applications.

26. The term “**In-House Ad Tech Product**” shall mean an Ad Tech Product created for a Publisher’s, Advertiser’s, or Agency’s internal use.

27. The term “**including**” shall mean including but not limited to.

28. The term “**Instream Video Advertising**” shall mean Online Advertising in which the advertisement is displayed within a stream of video content that the User is viewing, e.g., before, in the middle of, or after the video content.

29. The term “**Inventory**” shall mean space offered by Publishers for the sale or placement of Display Advertising.

30. The terms “**Online Advertisement**” or “**Online Advertising**” shall mean advertising via the internet, including on websites, apps, and Connected Television. For example, both Display Advertising and Search Advertising are forms of Online Advertising.

31. The term “**Outstream Video Advertising**” shall mean Online Advertising, other than Instream Video Advertising, that includes a video or animation.

32. The term “**person**” shall have the meaning provided in Local Rule 26.3, namely, any natural person or any legal entity, including, without limitation, any business or governmental entity or association.

33. The term “**Property**” shall mean a website, mobile application, or other product or service containing space that is sold or offered for sale for the placement of Display Advertising.

34. The term “**Publisher Ad Server**” shall mean a third-party or in-house product, service, or system that is responsible for selecting (or attempting to select), on behalf of a Publisher, the Display Advertisement (or source from which such Display Advertisement shall be obtained) for a unit of Inventory. For the avoidance of doubt, a Publisher Ad Server may be owned and/or operated by a third-party Ad Tech Provider, or may be owned, developed, or operated by the Publisher or by a third party on behalf of or under contract with the Publisher. For the further avoidance of doubt, a system that creates or manages mediation chains constitutes a Publisher Ad Server for purposes of these Interrogatories.

35. The term “**Purchase**,” when used in connection with Inventory or Impressions, shall mean to obtain, directly or indirectly through one or more intermediaries, the right to render or display a Display Advertisement in a unit of Inventory, typically but not necessarily in exchange for a monetary payment.

36. The term “**Query**” shall mean a request to provide, or Bid to provide, a Display Advertisement to be rendered in a unit of Inventory, whether denominated as an “ad request,” “bid request,” or otherwise. A Query may, but need not, request a Bid that will be considered before awarding the right to actually display a Display Advertisement to a particular Advertiser.

37. The term “**Search Advertising**” shall mean Online Advertising that is displayed in response to a User’s search intent or search terms.

38. The term “**User**” shall mean an end user visiting or using a Property, or a proxy for that end user (including, but not limited to, cookie identifiers or mobile ad identifiers).

39. The terms “**You**” or “**Your**” shall mean Christopher Hanson d/b/a Hanson Law Office, Clifffy Care Landscaping LLC, Kinin, Inc., and any other Advertiser Plaintiff named in any subsequent or operative complaint, their affiliates, predecessors, authorized representatives or agents, and all other persons acting or purporting to act on behalf of any and all named Advertiser Plaintiffs.

### **INSTRUCTIONS**

1. In addition to the specific instructions set forth below, these Interrogatories incorporate the instructions set forth in Federal Rules 26 and 33, the Local Rules, the Stipulation and Order Regarding Discovery Procedure (“ESI Order”) (ECF No. 508), the Confidentiality Order (ECF No. 685), and Pre-Trial Order No. 5 (“Scheduling Order”) (ECF No. 394), or the operative version of those Orders in place at the time responses are served.

2. These Interrogatories seek information available to You, or to which You may gain access through reasonable effort, including information in the possession of Your past and present attorneys, accountants, investigators, consultants, agents, or other persons directly or indirectly employed or retained by You, or anyone else otherwise subject to Your control who maintains records on Your behalf, in Your name, or otherwise under Your control.

3. Unless otherwise specified, these Interrogatories each require a separate response.

4. If You cannot provide a full and complete response to any Interrogatory, You should respond to the Interrogatory to the extent possible, specifying the portion of the Interrogatory You are unable to answer and providing whatever information You have regarding the unanswered portion.

5. If You object to, or otherwise decline to answer, all or any portion of any Interrogatory, please provide all information called for by the Interrogatory to which You do not object or do not decline to answer. For those portions of any Interrogatory to which You object or otherwise decline to answer, state the reason for such objection or declination. If You object to any Interrogatory on the ground that it is too broad (i.e., that it calls for information which is not relevant), please provide such information as You concede to be not overly broad. If You object to any Interrogatory on the ground that it would constitute an undue burden to provide an answer, please provide such requested information as can be supplied without undertaking such undue burden.

6. If You perceive any ambiguity in an Interrogatory, provide a brief statement of the nature of the perceived ambiguity and the interpretation You used to resolve it.

7. Pursuant to Federal Rule 26(b)(5), if You believe that any Interrogatory calls for information subject to a claim of privilege, then:

- a. Answer all parts of the Interrogatory to which You do not object;
- b. Explain the basis for Your claim of privilege as to each part of the Interrogatory to which You object; and
- c. Identify the general nature of the information withheld.

8. In construing the Interrogatories:

- a. Terms not specifically defined shall be given their ordinary meaning as You understand them to be used in the trade;
- b. The use of a verb in any tense, mood, or voice shall be construed as the use of the verb in all other tenses, moods, or voices, whenever necessary, to bring

within the scope of any Interrogatory all information that might otherwise be construed to be outside its scope;

- c. The use of the singular form of any word includes the plural and vice versa;
- d. Words in the masculine, feminine, or neutral gender shall include each of the other genders;
- e. The connectives “and” and “or” shall be construed either disjunctively or conjunctively as necessary to bring within the scope of the Interrogatory all responses that might otherwise be construed to be outside of its scope;
- f. The terms “all,” “any,” and “each” shall each be construed as encompassing any and all.

9. None of the Definitions or Interrogatories shall be construed as an admission relating to the existence of any evidence, to the relevance or admissibility of any evidence, or to the truth or accuracy of any statement or characterization in the Definitions or the Interrogatories.

10. These Interrogatories are continuing in nature. In the event that You become aware of responsive information in addition to, or in any way inconsistent with, that which You previously have provided, prompt supplementation of Your responses is required.

11. Google specifically reserves the right to seek supplementary responses to the Interrogatories before trial.

12. The relevant time period for these Interrogatories, unless otherwise specified, is January 1, 2013 to the present.

## **INTERROGATORIES**

### **INTERROGATORY NO. 26**

State the relevant product and geographic market(s) in which You contend each of Google's Ad Tech Products alleged in the Complaint participates.

### **INTERROGATORY NO. 27**

For each market referenced in Your response to Interrogatory No. 26, state whether You contend the following forms of Display Advertising are included or excluded from the alleged market: (1) In-House Ad Tech Product; (2) products that facilitate In-App Advertising; (3) products that facilitate Instream Video Advertising; (4) products that facilitate Outstream Video Advertising; and (5) Direct Transactions.

### **INTERROGATORY NO. 28**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraphs 44, 85, and 115 of the Complaint that ad exchanges and purchasing ad inventory through buying tools for small and large advertisers are not "interchangeable with the direct sales channel."

### **INTERROGATORY NO. 29**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraphs 46, 47, 86, and 116 of the Complaint that "purchasing a different form of advertising, such as in-stream video, social media, . . . and in-app" is not "a viable substitute," including for programmatic real-time bidding, for advertisers."

**INTERROGATORY NO. 30**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraphs 84 and 114 of the CAC that Ad Buying Tools for small and large advertisers are not “interchangeable with ad servers, web networks, in-app mediation tools, in-app networks, or exchanges.”

**INTERROGATORY NO. 31**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 87 of the Complaint that “owned-and-operated social-media advertising” and “open web and in-app display advertising” are non-interchangeable. *See also* Complaint ¶ 128.

**INTERROGATORY NO. 32**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 88 of the CAC that “buying tools for small advertisers” are not “interchangeable with tools for purchasing social-media advertising, e.g. on Facebook.”

**INTERROGATORY NO. 33**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 190 of the Complaint that “Dynamic Allocation limited advertisers’ ability to effectively use competing exchanges and ad servers, and drove up the overall costs of impressions borne by advertisers.”

**INTERROGATORY NO. 34**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 195 of the Complaint that Enhanced Dynamic Allocation “limited advertisers’ ability to effectively use competing exchanges and competing ad servers successfully, while driving up the costs of the most valuable impressions.”

**INTERROGATORY NO. 35**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 210 of the Complaint that “Bernanke suppressed competition in the markets for ad exchanges and for ad-buying tools for small advertisers.”

**INTERROGATORY NO. 36**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 215 of the Complaint that “Dynamic Revenue Sharing thwarted advertisers’ ability to use competing ad-buying tools effectively, reduced advertisers’ options, wedded them to Google, and ultimately drove up their charges paid to Google.”

**INTERROGATORY NO. 37**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraphs 216 and 219 of the Complaint that “Advertisers overpaid as a result of Google’s manipulation of publishers’ price floors and were misled into believing that AdX functioned as a second-price auction” and that Google “withheld critical information” from advertisers regarding Dynamic Revenue Share.

**INTERROGATORY NO. 38**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 235 of the Complaint that “Google’s [Reserve Price Optimization] program has caused advertisers to suffer substantial harm in the form of artificially increased prices, and prevented rival exchanges from competing on the merits, as a direct result of Google’s misleading, predatory conduct.”

**INTERROGATORY NO. 39**

Identify all facts or evidence, including document identification numbers where applicable, that support Your contention at paragraph 250 of the Complaint that “DV360 intentionally bid less on rival exchanges and increased bids on its own ad exchange, ostensibly to avoid optimizations that were bad for advertisers, when DV360 was actually redirecting that ad spend to a marketplace that engaged in exactly the same behavior.”

**INTERROGATORY NO. 40**

Identify all facts or evidence, including document identification numbers where applicable, You contend shows how You were harmed by Google’s alleged conduct, including all data used to claim that Google’s alleged conduct caused harm and all data to be used to calculate damages.

Dated: May 20, 2024

Respectfully Submitted,

/s/ Justina K. Sessions

Justina K. Sessions  
FRESHFIELDS BRUCKHAUS

DERINGER US LLP  
855 Main Street  
Redwood City, CA 94063  
Telephone: (650) 618-9250  
justina.sessions@freshfields.com

Eric Mahr  
Robert J. McCallum  
700 13th Street NW, 10th Floor  
Washington, DC 20005  
Telephone: (202) 777-4545  
eric.mahr@freshfields.com  
rob.mccallum@freshfields.com

*Counsel for Defendants Google  
LLC and Alphabet Inc.*